

To: Owens, Kim[Owens.Kim@epa.gov]; Gable, Kelly[Gable.Kelly@epa.gov]; Furtak, Sarah[Furtak.Sarah@epa.gov]
From: Goodin, John
Sent: Mon 9/30/2013 9:37:20 PM
Subject: FW: prep for Pend Oreille meeting--new analysis
Daily Maximum Analysis final.docx

From: John Goodin [mailto:Goodin.John@epamail.epa.gov]
Sent: Monday, September 30, 2013 5:28 PM
To: Goodin, John
Subject: Fw: prep for Pend Oreille meeting--new analysis

202-566-1373

----- Forwarded by John Goodin/DC/USEPA/US on 09/30/2013 05:27 PM -----

From: Michael Haire/DC/USEPA/US
To: Steve Whitlock/R4/USEPA/US@EPA
Cc: John Goodin/DC/USEPA/US@EPA
Date: 02/05/2013 07:08 PM
Subject: Fw: prep for Pend Oreille meeting--new analysis

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Steve:

Steve, I just read this latest from R 10. **Ex. 5 - Deliberative**
Ex. 5 - Deliberative. Can you find time to take
a quick look at this write up and discuss with me tomorrow?

----- Forwarded by Michael Haire/DC/USEPA/US on 02/05/2013 07:03 PM -----

From: David Croxton/R10/USEPA/US
To: James Curtin/DC/USEPA/US@EPA, John Goodin/DC/USEPA/US@EPA, Michael Haire/DC/USEPA/US@EPA, Sarah Furtak/DC/USEPA/US@EPA
Cc: Ben Cope/R10/USEPA/US@EPA, Christine Psyk/R10/USEPA/US@EPA, Dan Opalski/R10/USEPA/US@EPA, Helen Rueda/R10/USEPA/US@EPA, Kim Owens/R10/USEPA/US@EPA
Date: 02/05/2013 06:43 PM

Subject: prep for Pend Oreille meeting--new analysis

INTERNAL DELIBERATIVE INTERNAL DELIBERATIVE

We have our next Pend Oreille discussion set-up for 2/20. This was set-up for the main purpose of having our OD and Associate (Dan Opalski and Christine Psyk) engage with the HQ Team on how to proceed/next steps. However, since our last discussion, Helen has performed some additional analytical work that is very enlightening. Helen examined de-lagging time effects where we have exceedences under a daily maximum temperature comparison approach (attached).

The synopsis is that under a daily max comparison method there are 24 daily max criteria exceedences that are not addressed by the TMDL allocations. When these are adjusted for time lag all but 4, are addressed by the TMDL allocations. Three of these 4 exceedences that don't show time lag, occur during a major flow increase--a doubling of flow in the river over a 5 day time period in August. These flows are at or over the 95th percentile flow for that date. Because of the unusual conditions and the fact that models are at their lowest accuracy when conditions change rapidly, it seems an inappropriate data event to base a revised TMDL on. The last exceedence is small (0.18 C over the TMDL allocations or, if you include the portion of the human use allowance given to Box Canyon dam, only 0.06 C over).

Ex. 5 - Deliberative

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Some questions we hope to address during the allotted time are:

Ex. 5 - Deliberative

(See attached file: Daily Maximum Analysis_final.docx)